

Claims

1. Flexible hose, in particular a charge air hose, with at least three layers, wherein one layer is formed as a reinforcing layer and two layers comprise an elastomeric material,
characterised in that
one of the three layers contains acrylate rubber (ACM).
2. Flexible hose according to Claim 1, **characterised in that** the reinforcing layer contains aramid fibres.
3. Flexible hose according to Claim 1 or 2, **characterised in that** the reinforcing layer contains Kevlar®.
4. Flexible hose according to Claim 1 or 2, **characterised in that** the reinforcing layer contains Nomex®.
5. Flexible hose according to at least one of the Claims 1 to 4, **characterised in that** the reinforcing layer contains a combination of Kevlar® and Nomex®.
6. Flexible hose according to at least one of the Claims 1 to 5, **characterised in that** the reinforcing layer is formed as the middle layer.
7. Flexible hose according to at least one of the Claims 1 to 6, **characterised in that** the reinforcing layer is braided, lapped or knitted.
8. Flexible hose according to at least one of the Claims 1 to 7, **characterised in that** the inner and outer layers contain ACM.
9. Flexible hose according to at least one of the Claims 1 to 8, **characterised in that** the hose can be used from room temperature up to a maximum of 200°C.
10. Flexible hose according to at least one of the Claims 1 to 9, **characterised in that** the hose is formed with a corrugated tube shape.